

Location  $20^{\circ}57'N$   $157^{\circ}30'W$  at 1100

Observer

Date 10 June, 1965 Time 1445 to 1914

Weather

4.5

59 miles

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater		141						31.3
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel	6							
Sooty Petrel								
Red-tailed Tropicbird	2							
White-tailed Tropicbird								
Masked Booby								
Brown Booby	2							
Red-footed Booby		221						
Great Frigatebird	7							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern		161				35.8		
Gray-backed Tern								
Brown-winged Tern								
Common Noddy	39							
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Booby	1							
Tern	20							
								133.3
								Total birds = 600

TIME

Location  $18^{\circ}02'N$   $156^{\circ}59'W$  at 1200

Observer

Date 11 June, 1965

Time 0550 to 1902

Weather

13.2

91 miles

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000+	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	96							7.3
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel	14							
Sooty Petrel								
Red-tailed Tropicbird	5							
White-tailed Tropicbird	2							
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird	9							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern	118							8.9
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern	4							
Newell's Shearwater	3							
Kermadec Petrel	1							
Terns	2							19.7
Small Pterodroma	2							
Pterodroma	4							
								Total birds = 260

Location  $16^{\circ}19'N$   $156^{\circ}59'W$  at 1200

Observer

Date 12 June, 1961 Time 0554 to 1858

Weather

13.0

136 miles

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000+	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater			158					12.1
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel	5							
Sooty Petrel	,							
Red-tailed Tropicbird	4							
White-tailed Tropicbird	2							
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird	3							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern	25							1.9
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern	1							
white-necked Petrel	1							
Blue-wing Petrel	19							
Newell's Shearwater	1							
Kermadec Petrel	4							
Tropicbird	3							17.6
Pterodroma	3							
Shearwater-Petrel	2							
								Total fuel = 231

Location  $12^{\circ}27'N$   $\rightarrow 157^{\circ}00'W$  at 1200

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Observer

Date 13 June, 1965

Time 0601 to 1852

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## Weather

1900-1901

110 miles

Location  $10^{\circ}10'N$   $71^{\circ}40'26''W$  at 1200

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**Observer**

Date 14 June, 1965 Time 0359 to 1838

## Weather

127

115 miles

Location  $12^{\circ}55'N$   $154^{\circ}00'W$  at 1200

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**Observer**

Date 15 June, 1965 Time 0551 to 1845

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Weather

12.9

114 miles

Location  $16^{\circ}32'N$   $154^{\circ}00'W$  at 1200

Observer

Date 16 June, 1965 Time 0546 to 1852

Weather

131

125 miles

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000+	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater								0,0
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel	1							
Sooty Petrel								
Red-tailed Tropicbird	3							
White-tailed Tropicbird	2							
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern	1							0,1
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Dark-rump Petrel	2							
Leach's Petrel	2							
Black-wing Petrel	1							
Pterodroma	4							1,9
Gull-mart Petrel	9							
								Total birds = 25

Location  $20^{\circ}31'N \pm 151^{\circ}02'W$  at 1200  
Observer Date 17 June, 1965 Time 0537 to 1901  
Weather

Location  $23^{\circ}25'N$   $153^{\circ}0'W$  at 1200  
 Observer Date 18 June, 1968 Time 0529 to 1855  
 Weather 13.4  
 133 miles

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000+	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	5							0.4
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel	1							
Phoenix I. Petrel								
Bulwer's Petrel	5							
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird	1							
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird	7							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern		171						12.8
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Darwin's Petrel	1							
Leach's Storm Petrel	1							
Small Pterodroma	1							
Pterodroma	2							
Shearwater-Petrel	2							
								14.7
								Total bird = 197

Location  $22^{\circ}00'N$   $150^{\circ}56'W$  at 1200

Observer

Date 19 June, 1965 Time 0519 to 1850

Weather

13 5

35 miles

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000+	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	3							0.2
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel	1							
Sooty Petrel								
Red-tailed Tropicbird	1							
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird	2							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern	2							0.1
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Black-wing Petrel	2							
Tropicbird	1							1.5
Terodroma	3							
Shearwater-Petrel	5							
								Total birds = 20

Location  $19^{\circ}43'N$   $151^{\circ}02'W$  at 1200

Observer

Date 20 June, 1965 Time 0527 to 1842

Weather

132 miles

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	5							0.4
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel	4							
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird	3							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern							0.0	
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Dor-limp Petrel	1							
sooty-tern Petrel	3							
black-wing Petrel	9							
Pterodroma	3							2.6
Shearwater-Petrel	7							
								total birds = 35

Location  $16^{\circ}00'N$  &  $150^{\circ}52'W$  at 1200

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**Observer**

Date 21 June, 1965 Time 0532 to 1835

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## Weather

131

1441 miles

Location  $13^{\circ}00'N$ ,  $151^{\circ}00'W$

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**Observer**

Date 22 Jan., 1965 Time 0539 to 1853

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## Weather

Time 0539 to 1853

12.9

O'neils

Location  $11^{\circ} 13' N$   $150^{\circ} 28' W$  at 1200

Observer

Date 23 June, 1965 Time 01-42 to 1822

Weather

12.7

103 miles

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000+	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	10							9 dark phase 0.8
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel	.							
Phoenix I. Petrel	2							
Bulwer's Petrel	2							
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern	1							0.1
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
juv Laysan Petrel			119					
Bladewing Petrel		11						
Newells Shearwater	1							
P. Fratercula	51							17.7
Newells Petrel	24							total bird = 225

Location  $10^{\circ}44'N \approx 148^{\circ}00'W$  at 1200

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**Observer**

Date 24 June, 1965 Time 0533 to 1820

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## Weather

12.8

104 miles

Location  $14^{\circ}28'N$   $147^{\circ}57'E$  at 1200

**Observer**

Date 25 Jan., 1965 Time 0527 to 1827

## Weather

130

137 miles

Location  $18^{\circ} 28' N$   $148^{\circ} 00' W$  at 1200

Observer

Date 26 June, 1965 Time 01-18 to 1832

Weather

13.3

98 miles

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000+	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	1							0.1
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird	2							
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								0.0
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Black-wing Petrel	4							
White-rump Petrel	1							
Front-rump Petrel	77							
Pterodroma	7							7.9
Shearwater Petrel	13							Total birds = 105

Location  $21^{\circ} 17' N$  &  $147^{\circ} 51' W$  at 1200

Observer

Date 27 June, 1965 Time 0515 to 1840

Weather

13.4  
134 miles

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000+	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	8							2 dark phase 0.6
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel ?	2							
Phoenix I. Petrel								
Bulwer's Petrel	1							
Sooty Petrel								
Red-tailed Tropicbird	1							
White-tailed Tropicbird	1							
Masked Booby	1							
Brown Booby								
Red-footed Booby								
Great Frigatebird	1							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern						0, 0		
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern	2							
<u>Least Tern</u> <u>Red-tail Petrel</u>	24							
<u>Blue-wing Petrel</u>	8							
<u>Pterodroma</u>	5							7.8
<u>Shearwater Petrel</u>	50							Total birds = 104

Location  $25^{\circ} \text{N}$   $147^{\circ} \text{W}$  at 1200

Observer

Date 28 June, 1965 Time 0506 to 1849

Weather

13.7

141 miles

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000+	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater								0, 0
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel	2							
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird	1							
White-tailed Tropicbird	2							
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird	1							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern					0, 0			
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
<i>several terns</i>	6							
<i>Pomarine Jaeger</i>	1							
<i>Small P. Laysan</i>	1							
<i>Gannet - Petrel</i>	8							
								1, 6
								total birds = 22

Location  $25^{\circ}13'N$   $171^{\circ}30'E$  at 1200

Observer

Date 29 June, 1965 Time 0506 to 1858

Weather

13.9

109 miles

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000+	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross	/							
Wedge-tailed Shearwater								0,0
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel	12							
Sooty Petrel								
Red-tailed Tropicbird	2							
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								0,0
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								

1.2

Shearwater-Petrel

1

Total bird = 18

Location  $25^{\circ}02'N$   $154^{\circ}27'W$  at 1200

Observer

Date 30 June, 1965 Time 0525 to 1915

Weather

13.96

143 mils

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000+	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	11							0.8
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel ?	6							
Phoenix I. Petrel								
Bulwer's Petrel	13							
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird	3							
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird	6							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern	101							7.3
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern	2							
Pterodroma	2							
Shearwater - total	2							
								10.6
								Total bird = 196

Location  $23^{\circ}35'N$  &  $156^{\circ}51'W$  at 1200

**Observer**

Date / July, 1965

Time 0542 to 1917

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## Weather

136

129 miles

Location  $21^{\circ}14'N$  +  $157^{\circ}44'W$  to Oahu

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**Observer**

Date 2 July, 1965 Time 0551 to 0645

## Weather

4 mil

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SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000+	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater		212						235-6
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird	6							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern		218						242, 2
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern	/							

$$\text{total birds} = 437$$